

What is claimed is:

1. A support structure of a control board comprising:
a control board including a plurality of attaching holes
5 disposed at respective corners of an imaginary polygon;
a support member made of a synthetic resin for supporting
the control board; and
a plurality of support bosses disposed on the support
member in correspondence with the respective attaching holes,
10 a plurality of support bosses each having a support portion
in contact with one face of the control board, and an engaging
portion inserted into the attaching hole and engaged with other
face of the control board,
wherein each of the engaging portions is formed with a
15 split groove in a shape of a straight line opened at a front
end thereof and the respective support bosses are provided at
the support member by avoiding the split grooves of the support
bosses disposed at two ends of straight lines connecting the
corners of the imaginary polygon from being disposed on the
20 same straight lines.

2. The support structure of a control board as set forth
in Claim 1, wherein the imaginary polygon is quadrangle, when
notations P1, P2, P3 and P4 are attached at positions of the
25 respective corners of the imaginary quadrangle on the control

board successively in a peripheral direction,

the support boss at the corner position P1 is provided on the support member in an attitude by which the split groove is made to be orthogonal to a diagonal line connecting the corner

5 positions P1 and P3,

the support boss at the corner position P2 is provided on the support member in an attitude by which the split groove is made to be orthogonal to a diagonal line connecting the corner positions P2 and P4,

10 the support boss at the corner position P3 is provided on the support member in an attitude by which the split groove is made to be along a straight line connecting the corner positions P2 and P3 or a straight line connecting the corner positions P3 and P4, and

15 the support boss at the corner position P4 is provided on the support member in an attitude by which the split groove is made to be along a straight line connecting the corner positions P4 and P1 or a straight line connecting the corner positions P3 and P4.

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3. The support structure of a control board as set forth in Claim 1, wherein the imaginary polygon is quadrangle, four of support bosses are provided on the support member in attitudes of avoiding the split grooves of pairs of the support bosses
25 disposed at two ends of straight lines connecting the respective

corners of the imaginary quadrangle from being disposed on the same straight lines.

4. The support structure of a control board as set forth
5 in Claim 1, wherein the imaginary polygon is triangle, three
of the support bosses are provided on the support member in
attitudes of avoiding the split grooves of pairs of the support
bosses disposed at two ends of straight lines connecting the
corners of the imaginary triangle from being disposed on the
10 same straight lines.

5. The support structure of a control board as set forth
in Claim 1, wherein the imaginary polygon is pentagon, five
of the support bosses are provided on the support member in
15 attitudes of avoiding the split grooves of pairs of the support
bosses disposed at two ends of straight lines connecting
respective corners of the imaginary pentagon from being disposed
on the same straight lines.